

WEED MANAGEMENT AREA WORK PLAN

Del Norte County Department of Agriculture

Member: Humboldt – Del Norte Weed Management Area

Project Title: Integrated Noxious Weed Management Project

PROJECT: INTEGRATED NOXIOUS WEED MANAGEMENT PROJECT

Contract Lead Group: Del Norte County Department of Agriculture Contact: Ken Smith, Agricultural Commissioner, Phone: 707-464-7235; Email: krsmith@co.del-norte.ca.us; ; Mailing Address: 2650 Washington Blvd, Crescent City, CA 95531.

Project Manager: Project #1: Jim Buckles, Agricultural Biologist; Phone: 707-464-7235; Email: jbuckles@co.del-norte.ca.us; ; Mailing Address: 2650 Washington Blvd., Crescent City, CA 95531.

WMA Group Affiliation: Humboldt – Del Norte Weed Management Area.

Contractual Confirmation: One (1) Basic Grant Funding Contract totaling \$11,758. will be requested for Del Norte County Department of Agriculture. Funding will apply to a Del Norte County-wide Integrated Noxious Weed Management program.

NOTE: Two other contracts will be established with the Del Norte/Humboldt WMA group: one with Del Norte RCD for \$5,000 (Del Norte portion: 11,758 + 5,000 = \$16,758) and one with Humboldt Ag office for \$16,758.

Project Objectives: Project #1: Del Norte County Department of Agriculture's project will focus on developing and implementing an integrated noxious weed management / control / eradication program that will address noxious weed infestation county wide including infestations located on the various tribal lands including those of the Yurok Tribe.

To accomplish the tasks and deliverables detailed below, Del Norte County Department of Agriculture will hire a seasonal noxious weed control worker, purchase and use county equipment, develop, design and purchase public educational materials, purchase noxious

weed control materials, purchase biological control collection equipment and purchase GPS equipment and software.

Project Tasks / Deliverables:

1. Develop, print and distribute weed identification and educational brochures to local federal, state, county, city, and private agencies, organizations, schools and other entities. Attend and make educational presentations at community events including the county fair, meetings, etc. Specific weed species brochures will include: Scotch Broom, Tansy Ragwort, various Knapweed species, Dalmation Toadflax, Rush Skeletonweed, Canada Thistle.

Purchase various weed identification reference books including several office and field copies of "Weeds of the West" and an office copy of "Weeds of California and Other Western States". References books will be used by office and field staff to ID noxious weeds found by staff or submitted by the public.

2. Purchase various small equipment items to be used for mechanical removal of noxious weeds. Items will include: flagging, gloves, shovels, pulaskies, plastic bags. This small equipment will be used at various noxious weed sites throughout Del Norte County.

3. Purchase various items needed for chemical treatment of noxious weeds. Items will include: back-pack sprayers, measuring cups, flagging, dye, gloves, Ty-Vek suits, goggles, fresh water jugs, etc.

Purchase treatment materials to spray noxious weeds including surfactant, Milestone and RoundUp.

These items and treatment materials will be used to spot treat specific and appropriate noxious weed sites located throughout Del Norte County. Target weed species will include: Tansy Ragwort, Canada Thistle, Spotted Knapweed, Diffuse Knapweed, Meadow Knapweed, Rush Skeletonweed, Dalmation Toadflax, Klamath Weed, Giant Knotweed, Gorse and other noxious weed species. For those infestations located on tribal lands, cooperative agreements with the various Rancherias will be obtained.

4. Purchase several aspirators to be used to collect biological control agents, including Flea Beetles, to be disseminated throughout Del Norte County on appropriate host weed species including Tansy Ragwort.

5. Purchase a new GPS unit and any computer software needed to map all noxious weed control sites in Del Norte County; upload weed location data to a computer and transfer this data to our local Weed Management Area and to the California Department of Food and Agriculture.

6. Hire and train a seasonal weed control worker to assist county staff with field weed control efforts including: weed survey, mechanical removal of weeds, collection and dissemination of biological control agents, and chemical treatment of noxious weed sites. It is expected that this seasonal employee will work for three months or a total of 350 hours.

7. Utilization of county vehicles and other equipment and purchase of vehicle fuel for travel throughout Del Norte County to accomplish the above listed tasks.

Equipment: For detail, see Attachment # 1. Specifics on each item will be determined by county required purchasing policies.

Supplies: For detail, see Attachment #1. Specifics on each item will be determined by county required purchasing policies.

Other Supplies and Materials: See Attachment # 1.

Mapping: All areas treated and surveyed will be recorded and displayed on a map that will be submitted to the Humboldt – Del Norte Weed Management Area and to the California Department of Food and Agriculture, at the time of project completion.

Reporting/Monitoring: A project report will be submitted at the completion of the contract and will include the following information: net acres or numbers of plants treated if less than 100 plants, gross area surveyed, control method utilized, % change (reduction) between visits, graphs showing differences in acres treated between years for each species treated, and site photographs.

In-Kind contributions will be provided through the accrual of costs related to staff administration, supervision, training, and clerical support as well as the value of equipment provided by the county including vehicles. This In-Kind contribution is estimated to be approximately \$5,000.